

THE WATER SPOT 2003

"Program Information From The SAFE DRINKING WATER BRANCH"

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Discussion with Laurence Lau, Deputy Director for Environmental Health

For more than 25 years, Laurence Lau has been a Deputy Attorney with the State Attorney General Office and has worked on water related legal issues such as the development of regulations, review of contracts, and enforcement actions. On April 1, 2003, he became the new Deputy Director for Environmental Health. As the Deputy Director for Environmental Health, Mr. Lau will be responsible for overseeing the environmental protection and health programs including the Safe Drinking Water Branch.

With an existing knowledge of some of the workings of the drinking water programs, Mr. Lau held his first meeting (as Deputy Director) with the staff of the Safe Drinking Water Branch on April 28, 2003.

During this meeting, Mr. Lau expressed his awareness that many of the programs and staff are doing more with less resources. He stated that there needs to be a change in attitude (so to speak) and that we need to be conscious of while we are doing more – are we doing them in a timely manner and if more is done then how do we prioritize – as to what gets pushed down.

There are three major themes of the Governor's platform that the administration is working towards:

- (1) Emergency Preparedness – are we capable and able to respond to situations such as contamination incidents;
- (2) Community Involvement – how can we involve the public in developing our performance standards and also how do we present program success stories (as it most common that the public only hears about the problems);
- (3) Vigorous Enforcement – how do we make sure that compliance is met.

On a personal side, Mr. Lau's goals for the Environmental Health Administration are:

- (1) That the State become a leader in the field of environmental health;
- (2) That programs have measurable results; and
- (3) That program activities and decisions are based on good science.

While many of the staff have worked with Mr. Lau in the past, the entire staff of the Safe Drinking Water Branch welcome him as our new Deputy Director for Environmental Health Administration and we look forward to working with him on matters related to our programs.

Backflow Prevention ASSEMBLY REPAIR SEMINAR

May 16, 2003 @ DOH Laboratory Facility, Pearl City, Oahu

I. Introduction

State health and plumbing code requirements require the installation and periodic inspection of backflow prevention assemblies. Once a backflow assembly is identified as not performing optimally, it must be repaired or replaced. This servicing of the assembly, assures the assembly continues to protect against an identified hazard. This seminar will provide exposure to most types and models of backflow assemblies.

II. Seminar Format

This seminar is a classroom presentation designed to show a backflow assembly tester the skills and knowledge needed to repair a backflow prevention assembly. A detailed outline will be presented in an audio-visual format that will establish the basic skills and knowledge needed to follow when repairing any assembly. The presentation will continue by utilizing actual backflow prevention assemblies that will be disassembled, discussed and re-assembled while being displayed with a video projection system. The seminar will present design and performance details of the many different manufacturer's and their different models. If you have special request, please contact the seminar coordinator.

III. Learning Objectives

- a. Review the basic operating principles of the different backflow assemblies.
- b. Review hydraulic conditions that affect backflow assemblies.
- c. Review troubleshooting and testing information.
- d. Demonstrate specific design and construction differences of the various manufactures and their models.
- e. Establish necessary repair steps and techniques.

IV. Class Schedule (7 hours -- 0.9 C.E.U. for Plant and Distribution System Operators)

8:30 - 10:00 am	Repair Procedure Outline
10:00 - 10:15 am	Break
10:15 - 12:00	Repair Procedure Outline
12:00 - 1:00 pm	Lunch
1:00 - 2:30 pm	Backflow Assembly Breakdown
2:30 - 2:45 pm	Break
2:45 - 4:30 pm	Backflow Assembly Breakdown



**ABPA Hawaii and State of Hawaii Safe Drinking Water Branch
Backflow Repair Workshop Registration Form
DOH Laboratory Facility, Pearl City, Oahu
May 16, 2003, 8:30 a.m. - 4:30 p.m.
(7 hours - 0.9 C.E.U.s)
Instructor: Mr. Jim Purzycki**

Name: _____

Firm/Organization: _____

Address: _____

Phone: _____ **E-mail:** _____

ABPA Membership Number: _____

Registration Fee: **ABPA Member (\$10.00)**
 Non-member (\$63.00 – membership fee included)
 Make check payable to: ABPA Hawaii Chapter
 Payment and registration form due by 5/12/03

Mail form w/ fee to: **ABPA Hawaii Chapter**
 c/o Gary Kong
 Delco Sales
 111 Sand Island Access Road (Unit I-10)
 Honolulu, Hawaii 96819-2287
 (808) 842-7900
 Fax: (808) 842-9625

2003 AWWA Hawaii Section Annual Conference

AWWA Hawaii Section 29th Annual Conference “Increasing Customer Confidence During Challenging Times” May 13-16, 2003, The Renaissance Ilikai Waikiki Hotel

This year's conference theme is "Increasing Customer Confidence During Challenging Times." As public organizations and individuals, we continue to adjust to the new realities of our post-9/11 world. Security challenges compound the growing economical issues many public agencies face and the issues of competition and privatization have not gone away. The conference program includes a full schedule of local and mainland presentations covering a wide range of pertinent topics including security, privatization, technology, regulations, customer service, and water quality.

In recognition of the political change that has occurred here in Hawaii, Governor Linda Lingle has been invited to deliver the keynote address. State government plays a key role in managing and protecting our water resources. We are hopeful the Governor's schedule will allow her to share her views and plans with our conferees.

Safe Drinking Water Branch Related Activities at this year's AWWA Hawaii Section Annual Conference includes:

- (1) Pre-conference workshop on Drinking Water Security, being co-sponsored with the U.S. EPA, Region 9;
- (2) Presentation by the University of Hawaii on Hawaii's Source Water Assessment Program; and
- (3) Presentation by Bill Wong of the Department of Health and Barry Pollock of the U.S. EPA, Region 9 on Drinking Water Program Regulatory Updates.

Drinking Water Security Workshop – May 13, 2003 – Hawaii AWWA Pre-Workshop

Sponsored by the USEPA Region 9 and Hawaii Department of Health

On Tuesday, a pre-conference workshop organized by Barry Pollock of the Environmental Protection Agency will address water system security. Small to medium utilities will find the workshop useful as they work to complete their federally required vulnerability assessments (for all water systems serving 3,300 or more persons).

The Bioterrorism Act (HR3448) requires that all drinking water utilities that serve 3300 or more people complete assessments of their vulnerability to terrorism and develop appropriate emergency response plans. All systems that serve between 50,000 and 100,000 people must submit their vulnerability assessments to the USEPA by December 31, 2003. Those serving between 3300 and 50,000 must submit their Vas by June 30, 2004. All systems must prepare or revise an emergency response plan and

certify completion to the USEPA within six months of completion of their vulnerability assessments. We are concerned that many utilities are unaware of these requirements and have not begun their security work.

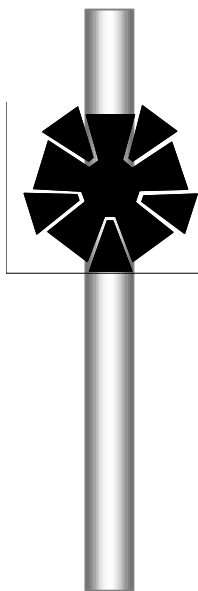
In order to assist utilities in the preparation of their vulnerability assessments and emergency response plans, this workshop will address Bioterrorism Act requirements, the general elements of a vulnerability assessment, modification of emergency response plans and information on upgrading the security of your system. We will bring together utilities and others involved in drinking water security to provide up-to-the-minute information and compare experiences.

AGENDA (TENTATIVE)

8:00 am	Welcome and Introductions – HIDOH and USEPA
8:15 am	Current status of EPA activities, Bioterrorism Act requirements, upcoming events and resources – USEPA
9:15 am	HIDOH Security activities – HIDOH
9:45 am	Break
10:00 am	Introduction to Vulnerability Assessments – the basic components – USEPA
11:00 am	Nuts and Bolts of Doing a Vulnerability Assessment – the Honolulu Board of Water Supply experience
Noon	Lunch
1:00 pm	Emergency Response Plans Basic components of emergency response and an ERP – USEPA Hawaii Department of Health – Overall Emergency Response Activities/ Epidemiology and Drinking Water ERP's - HIDOH Emergency Response – How does it work in Hawaii – Civil Defense
3:00 pm	Utility Roundtable discussion on experiences with Vulnerability Assessments, Emergency Response Plans, and Other Security Issues - Representatives from the Counties (Honolulu BWS, Kauai, Hawaii, and Maui DWS), and other Public Water Systems
4:30 pm	Closing Remarks

For information regarding the conference, please call Lorrie Shiraishi at (808) 527-5270 or (808) 550-9010 (fax).

**PUBLIC
WATER
SYSTEMS
OPERATOR
&
MANAGERIAL
TRAINING
COURSES**



**STATEWIDE, ONE-DAY WORKSHOPS FOR
PROFESSIONAL DEVELOPMENT & CEU
CREDIT**

February to June 2003

Sponsored by:

- Hawaii Department of Health,
Safe Drinking Water Branch
- U.S. Environmental Protection Agency

Presented by:

Rural Community Assistance Corporation

Public drinking water system operations, maintenance, supervisory, and managerial personnel are invited to attend and participate in the one-day professional development workshops scheduled for locations around the state. Each workshop is designed to provide five training contact hours for Continuing Education Credit (CEU) for all water system personnel.

TIME

- All workshops run from 9:30 a.m. to 3:30 p.m. (*5.0 TCH=0.6 CEU*).
- A one-hour break is scheduled from 11:30 a.m. to 12:30 p.m.
- *Lunch is not provided - you may want to bring your lunch.*

Fee & **completed registration** must be postmarked at least
10 days before the scheduled date of your desired workshop.

**REGISTRATION
DEADLINE**

FEE

- \$20.00/person for each workshop
- Corporate Check, Bank Cashier's Check, or Money Order accepted
- Payable to **State of Hawaii**
- NO Cash, Credit Cards, Requisitions, Personal Checks, Purchase Orders
- **Hawaii State Agencies** – may utilize journal voucher payment

QUESTIONS & LATEST WORKSHOP INFORMATION:

Glenn Johansen, RCAC
Phone (808) 896-3886
Fax (808) 327-9698
Email gjohanse@rcac.org

RCAC Website
www.rcac.org
Hawaii Section-AWWA
Website
www.awwa-hi.org

RCAC -Hilo Office
(808) 934-7684 Phone
(808) 969-7727 Fax
Email hilooffice@rcac.org

SAFE DRINKING WATER ACT REGULATIONS AND UPCOMING NEW REGULATIONS

Location	Site	Date
Lanai City	Lanai Co. Training Room	Feb. 19
Molokai	Kulana 'Oiwī Meeting Room	Feb. 24
Pearl City	DOH Laboratory Facility	Mar. 10
Hilo	Environmental Health Facility	Apr. 2
Lihue	Kauai War Memorial Conv. Hall	May 1
Wailuku	State Office Building, 3 rd floor	May 20
Keahole-Kona	NELHA Conference Room	June 3

Focus: Water System Managers

Emphasis:

- (1) Review of the Hawaii Administrative Rules, Title 11, Chapter 20-, Rules Relating to Potable Water Systems for the water system manager
- (2) Regulatory update including Ground Water Rule, LT1ESWTR, LT2ESWTR, Stage 2 DBPR, Filter Backwash Recycling Rule, Arsenic, Radionuclides/Radon, Lead & Copper Rule, Vulnerability Assessment, Emergency Response Plan, etc.
- (3) Public notification requirements, types of violations and the Tier 1, Tier 2, Tier 3 notification requirements; Consumer Confidence Reports; TMF Capacity update.

DRINKING WATER CONTAMINANTS AND TREATMENT PROCESSES

Location	Site	Date
Hilo	Environmental Health Facility	Feb. 26
Lihue	Kauai War Memorial Conv. Hall	Feb. 28
Keahole-Kona	NELHA Conference Room	Mar. 12
Pearl City	DOH Laboratory Facility	Mar. 14
Wailuku	State Office Building, 3 rd floor	Mar. 19
Kaunakakai	Kulana 'Oiwī Meeting Room	Apr. 21
Pearl City	DOH Laboratory Facility	Apr. 23
Wailuku	State Office Building, 3 rd Floor	Apr. 28
Hilo	Environmental Health Facility	Apr. 30
Pearl City	DOH Laboratory Facility	May 7
Lihue	Kauai War Memorial Conv. Hall	May 22
Kaunakakai	Kulana 'Oiwī Meeting Room	May 28
Keahole-Kona	NELHA Conference Room	June 16
Pearl City	DOH Laboratory Facility	June 19

Focus: Water Treatment Plant Operators & Distribution System Operators

Emphasis:

- (1) Bacterial contaminants, enteric viruses, protozoa, organic & inorganic contaminants
- (2) Advantages & disadvantages of various disinfection treatment methods & their relative effectiveness in eliminating contaminants; emerging technologies.
- (3) Treatment requirements for surface water systems & groundwater systems under the direct influence of surface water (GWUDISW); the Ground Water Rule.



RCAC WORKSHOP REGISTRATION FORM

Workshop (check all that apply)		Location	Date
<input type="checkbox"/>	Safe Drinking Water Act Regulations and Upcoming New Regulations		
<input type="checkbox"/>	Drinking Water Contaminants and Treatment Processes		

- \$20.00/person/workshop.
- Payable to the State of Hawaii.

Enclosed Check/
Money Order #:

Last Name:		First Name:	
Position/Title (e.g. Manager, Specialist, etc.):			
Organization/Company:			
Mailing Address (PO Box, etc.):			
City:		State:	Zip:
Physical Address (if different from mailing):			
City:		State:	Zip:
Work Phone:		Fax number:	
E-mail Address:			
Organization/ Company Website:			
P.W.S. ID Number:		P.W.S. Name:	

Mail form with fee payment to:

**RCAC Workshop Registration
234 Waianuenue Ave., Suite 107
Hilo, HI 96720-2418**

**(Postmark 10 days BEFORE workshop date
to allow for processing & confirmation.)**

Note: The number of participants in some locations may be limited by classroom capacity. Priority will be given to the earliest date of registration. Once classroom capacity is reached, registration will be closed. Your registration will be confirmed.

SDWB Welcomes New Staff

Theresa McGeenhan-Takiue has been hired as the Safe Drinking Water Branch staff for East Hawaii. She replaces Glenn Tomori who retired in December 2002.

Lea Wakabayashi, an engineer with the U.S. Navy Public Works Center is currently on a several month assignment with the Safe Drinking Water Branch. She will be working on various drinking water project that will allow her to gain an understanding of the workings of the Safe Drinking Water Branch.

*Please send your
suggestions, ideas,
questions or
comments to:*

THE WATER SPOT 2003
Safe Drinking Water Branch
State Department of Health
919 Ala Moana Blvd., Room 308
Honolulu, Hawaii 96814

Fax us at (808) 586-4351
"THE WATER SPOT 2003"

SDWB WEB SITE:
<http://www.hawaii.gov/health/eh/sdwb>



LINDA LINGLE
Governor of Hawaii

CHIYOME LEINAALA FUKINO, M.D.
Director of Health

LAURENCE K. LAU
**Deputy Director for
Environmental Health**

The Water Spot 2003 (May/June 2003)
Safe Drinking Water Branch
Environmental Management Division
Hawai'i Department of Health
919 Ala Moana Boulevard, Room 308
Honolulu HI 96814

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